WHAT IS CLAIMED IS:

1. An NE (Network Element) system for providing an independent multi-protocol service, comprising:

a plurality of NEs for configuring a network;

5 management systems for supervising operations of the plural NEs and providing services for the NEs; and

a domain service bridge arranged between the NEs and the management systems,

wherein the domain service bridge is coupled to the NEs through a protocol for use in the NEs, and the domain service bridge is coupled to the management systems through

10 protocols corresponding to the management systems.

2. The system of claim 1, wherein the corresponding protocols differ from said protocol for use in the NEs.

15 3. The system of claim 2, wherein the corresponding protocols respectively correspond to the management systems.

4. The system of claim 1, wherein the corresponding protocols respectively correspond to the management systems.

5. The system of claim 1, wherein the domain service bridge comprises:

managed objects being managed by the management systems on the basis of received NE information;

a protocol adapter for coupling the domain service bridge to the NEs; and

5   a plurality of protocol adapters for coupling the domain service bridge to the management systems.

6. The system of claim 5, wherein the plural protocol adapters differ from said protocol adapter.

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7. The system of claim 5, wherein the plural protocol adapters respectively correspond to the management systems.

8. The system of claim 5, wherein the protocols corresponding to the management systems comprise SNMP (Simple Network Management protocol), CMIP (Common

15   Management Information Protocol), CORBA (Common Object Request Broker Architecture) protocol and RMON (Remote Network Monitoring) protocol.

9. The system of claim 1, wherein the protocols corresponding to the management systems comprise SNMP (Simple Network Management protocol), CMIP (Common

20   Management Information Protocol), CORBA (Common Object Request Broker Architecture) protocol and RMON (Remote Network Monitoring) protocol.

10. T he sy stem o f claim 9, w herein t he c orresponding p rotocols d iffer f rom s aid protocol for use in the NEs.

5   11. An NE (Network Element) method for providing an independent multi-protocol service, comprising:

providing a plurality of NEs for configuring a network;

providing management systems for supervising operations of the plural NEs and providing services for the NEs; and

10   arranging a domain service bridge between the NEs and the management systems,

wherein the domain service bridge is coupled to the NEs through a protocol for use in the NEs, and the domain service bridge is coupled to the management systems through protocols corresponding to the management systems.

15   12. The method of claim 11, wherein the corresponding protocols differ from said protocol for use in the NEs.

13. The method of claim 12, wherein the corresponding protocols respectively correspond to the management systems.

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14. The method of claim 11, wherein the corresponding protocols respectively correspond to the management systems.

15. The method of claim 11, wherein the domain service bridge comprises:

managed objects being managed by the management systems on the basis of received NE information;

a protocol adapter for coupling the domain service bridge to the NEs; and

5   a plurality of protocol adapters for coupling the domain service bridge to the management systems.

16. The method of claim 15, wherein the plural protocol adapters differ from said protocol adapter.

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17. The method of claim 15, wherein the plural protocol adapters respectively correspond to the management systems.

18. The method of claim 15, wherein the protocols corresponding to the management systems comprise SNMP (Simple Network Management protocol), CMIP

15   (Common Management Information Protocol), CORBA (Common Object Request Broker Architecture) protocol and RMON (Remote Network Monitoring) protocol.

19. The method of claim 11, wherein the protocols corresponding to the management systems comprise SNMP (Simple Network Management protocol), CMIP

20   (Common Management Information Protocol), CORBA (Common Object Request Broker Architecture) protocol and RMON (Remote Network Monitoring) protocol.

20. The method of claim 19, wherein the corresponding protocols differ from said protocol for use in the NEs.